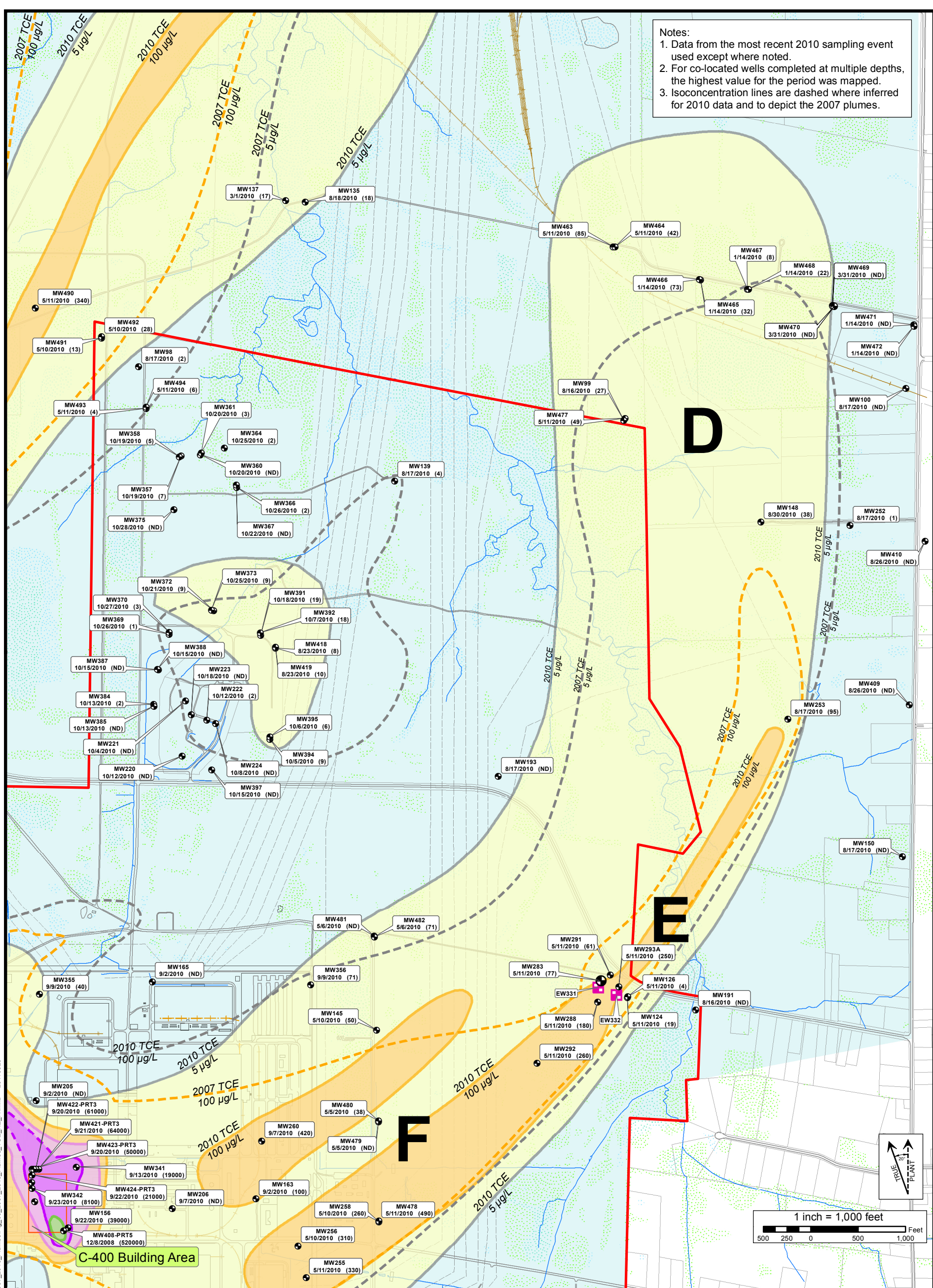


Notes:  
 1. Data from the most recent 2010 sampling event used except where noted.  
 2. For co-located wells completed at multiple depths, the highest value for the period was mapped.  
 3. Isoconcentration lines are dashed where inferred for 2010 data and to depict the 2007 plumes.



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2010 Plume Concentration Fields		2007 Plume Isoconcentration Lines		LEGEND	
<span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	- TCE ≥ 5 µg/L	<span style="border-bottom: 1px dashed black; width: 20px; display: inline-block;"></span>	- TCE = 5 µg/L	<span style="background-color: lightblue; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	- Water Policy Area
<span style="background-color: orange; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	- TCE ≥ 100 µg/L	<span style="border-bottom: 1px dashed orange; width: 20px; display: inline-block;"></span>	- TCE = 100 µg/L	<span style="background-color: lightgreen; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	- Source Areas
<span style="background-color: lightgreen; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	- TCE ≥ 1,000 µg/L	<span style="border-bottom: 1px dashed lightgreen; width: 20px; display: inline-block;"></span>		<span style="border-bottom: 1px solid black; width: 20px; display: inline-block;"></span>	- Parcel Lines
<span style="background-color: lightblue; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	- TCE ≥ 10,000 µg/L	<span style="border-bottom: 1px dashed lightblue; width: 20px; display: inline-block;"></span>		<span style="border-bottom: 1px solid blue; width: 20px; display: inline-block;"></span>	- Streams
<span style="background-color: lightblue; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	- TCE ≥ 100,000 µg/L			<span style="border-bottom: 1px solid blue; width: 20px; display: inline-block;"></span>	- Railroad
		<span style="border-bottom: 1px dashed black; width: 20px; display: inline-block;"></span>		<span style="border-bottom: 1px solid black; width: 20px; display: inline-block;"></span>	- TVA Powerlines
		<span style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 8px;">MW103 8/17/2010 (ND)</span>		<span style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 8px;">EW331</span>	- Monitoring Well Identification, Date of Sample & Sample Value
		<span style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 8px;">MW103 8/17/2010 (ND)</span>		<span style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 8px;">EW332</span>	- RGA Well
		<span style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 8px;">MW103 8/17/2010 (ND)</span>		<span style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 8px;">EW332</span>	- Extraction Well

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 PADUCAH GASEOUS DIFFUSION PLANT

Figure 3. 2010 Northeast Portion of the TCE Plume  
 Regional Gravel Aquifer

FILE NAME: Fig_03_2007_2010_Plumes_TCE_NE_r1	PROJECT #: EM	SCALE: AS NOTED	DATE: 08-29-2011
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